

Abstract of the Disclosure

A light transmission tube includes a tubular clad and a core section having a higher refractive index than that of the tubular clad, said light transmission tube is characterized in that a belt-like reflecting layer is formed between the tubular clad and the core section, extending in the longitudinal direction of the tubular clad, in a manner such that a light passing through the core section is reflected and scattered by the reflecting layer and then emitted from an outer surface area of the tubular clad, which outer surface area is located opposite to one side of the tubular clad where the reflecting layer has been formed. Further, the reflecting layer may be so formed that a light is allowed to be emitted in a plurality of directions. Moreover, the belt-like reflecting layer may be formed into a spiral configuration. The width of the belt-like reflecting layer may be changed in the longitudinal direction of the light transmission tube. The tubular clad is allowed to have a non-circular cross section. The clad formation material may contain an ultraviolet light shielding material or an ultraviolet light absorbing material.

00761584-011804